P.W.G. 17 — Original/Duplicate/Triplicate

NO — 1st and final Bill — **CONTRACT CERTIFICATE** — Reference paras 158 & 170

Division — Project — YNK-DBR No. 90 Date 19.09.2020 — Sub division — **Project Sub Division** — Date

Bills received No — Sub-divisional / Divisional — Cash book vr No / Date — SBR No 70 / 10-9-20

Sheduled Docket No — Head of account P-3726

Name of work(as per sanctioned estimate) :-

Work Code:004-20-000159

NAME OF WORK :Improvements to roads and drains balance main and cross roads of Chikkabommasandra in wrd no:04

Name of contractor and full address :- **Sri. Venkategowda G, No B3-11, 12th B main road, Near Omega Hospital, Yelahanka New Town, Bangalore-560064**

Reference to agreement No :- 57 — **Estimated cost : 30.00 lakhs** — **Work order No :61, dt:19/06/2020**

Certified that the measurments were taken by me on 09/09/2020 and recorded on pages 150044 to 067 of measurment book No 1501 and the work is satisfactorily executed by the contractor.

Signature of contractor

Ramakanth
Asst. Engineer

Certified that the measurments were taken by me on 09/09/2020 and recorded correct.The work is satisfactorily executed

Certified that the quantities of materials shown in column 3 of account II have been actualy brought to site of work and the contractor has not previously received any advance on this security. These materials are of any imperishable nature and are all required by the contractor for immidiate use on the work in connection with items for which rates finished work have been agreed upon A formal agreement signed and executed by the contractor is recorded in divisional office

09/09/2020

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ಯಲಹಂಕ ಉಪವಿಭಾಗ ಬಿಬಿಎಂಪಿ

Sub Divisional Officer
B.B.M.P. Yelahanka-106

II MEMORANDUM OF PAYMENT

1) Total value of work done or supplies as per A/c within		
2) Deduct amount to be held in reserve being-----percent Rs----------%---------		
3) Balance---		
4) Deduct payments		
a) Amount of previous payment as in divisional/sub divisional cash book vr No----------dated----------S.D No----------Amount	Total-	2838992=00
b) Cost of payments/stores or other materials supplied now made recovery of	CGST	25349=00
Amount paid on this bill by cheque/cash	SGST	25349=00
Total	IT	28390=00
	LC	28390=00
	CBF	2840=00
	LR	66672=00
5) Balance being unpaid value of work done held in reserve		
6) Deduct cash of advance made on divisional/sub divisional cash book	TD-	176990=00
7) Net amount due to or from contractor		
UN ADJUSTED ITEMS		
8) Advance to contractor for materials to site(as detailed within)		
9) Value of government materials supplied		
TOTAL AMOUNT UN-ADJUSTED	CH-	2662002=00

Contractor's signatures

Received Rs----------(in words)----------

For use in the Executive Engineer's office----------

of payment as per memorandum
(in final settlement of all demand)

Witness
1)
2)

Dated signature of contractor
paid by me cheque No dated

Cash Rs.....

Date — Initials of officer making payment

Reciept Stamp

Audited & Admitted for Rs. 2838992=00
Twenty eight Lakh thirty eight thousand nine hundred & ninety two.
2662002=00 by Cheque
and Rs. 176990=00 by adjustment

Date

Executive Engineer
Yelahanka Division
BBMP

Assts. Supdt.
Yelahanka Division
BBMP

Sl No	Items grouped under Sub-heads and Sub-works of the estimate	Unit	Previous Measurement		Present Measurement			Total Up to date	
			Qty	Cost	Qty	Rate	Amount	Qty	Cost
1	2	3	4	5	6	7	8	9	10
1	Removing & Refixing stone slabs of drains and pointing in C.M (1:3)	Sqm			858.60	105.50	90582.00	858.60	90582.00
2	KSRRB 300-1,Earth work excavation by manual means in ordinary soil invlving an average horizontal throw up to 2 meters and an average lift uo to 1.5m,excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications (Item no19.1,Page no141,PWD SR 2016 17)	Cum			281.28	204.00	57381.00	281.28	57381.00
3	Providing and fixing pre cast covering slab 1000 mm thick made out CC 1:1.5:3 and jelly 20mm down size ... with steel reinforcement including form work, curing including form cost of materials labour hire charges of Machinary loading unloading laid and lift, transporation etc., complete as per Engineer in charge (Data Rate)	sqm			286.20	2215.50	634076.00	286.20	634076.00
4	Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/trap/basalt material, mixing in a mechanical mix plant at OMC,Carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98% proctor den s i t y ,	Cum			102.00	1891.00	192882.00	102.00	192882.00
5	KSRRB M400-17. Providing, laying, spreading and compacting cushed stone aggregates of granite / trap / basalt to wet mix macadamspecifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory	Cum			136.00	1897.00	257992.00	136.00	257992.00

Sl No	Items grouped under Sub-heads and Sub-works of the estimate	Unit	Previous Measurement		Present Measurement			Total Up to date	
			Qty	Cost	Qty	Rate	Amount	Qty	Cost
6	KSRRB M500-6. Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications. Clause 502 of MORTH V revisio	Sqm			679.78 680.00	27.00	18354.00 18360.00	679.78 680.00	18354.00 18360.00
7	KSRRB M500-17. Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications.Clause 505 of MORTH V revision	Cum			34.00 33.89	6255.00	212670.00 211544.10	34.00 33.82	212670.00 211544.10
8	KSRRB 500-7. Providing and applying tack coat using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM complete as per specifications.Clause 503 of MORTH V revision	Cum			4198.40 4186.36	12.50	52480.00 52325.00	4198.40 4186.36	52480.00 52325.00

Sl No	Items grouped under Sub-heads and Sub Works of the estimate	Unit	Previous Measurement		Present Measurement			Total Up to date	
			Qty	Cost	Qty	Rate	Amount	Qty	Cost
9	Providing and laying bituminous concrete 40mm thick with hot mix plant, using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all 40-60 TPH capacity HMP with mechanical paver grading II (30-45mm) with 5.4 % of modified bituminus binder consisting of 4.97% of VG-30 bitumen (60/70 grade) and 0.43% of plastomeric thermoplastics (waste plastic)	Cum			125.95 125-91	7351.00	925858.00 925564.41	125.95 125.91	925858.00 925564.41
10	KSRRB M800-13 Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface/Concrete Surface: Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35 standards specified. The finished surface to be level, uniform and free from streaks and holes complete as per specifications. MORTH Specification No. 803	Sqm			137.80 137.35	431.00	59392.00 59197.85	137.80 137.35	59392.00 59197.85

Sl No	Items grouped under Sub-heads and Sub works of the estimate	Unit	Previous Measurement Qty	Previous Measurement Cost	Present Measurement Qty	Present Rate	Present Amount	Total Up to date Qty	Total Up to date Cost
11	KSRRB M800-35. Supply and Installtion of Moulded Shank Raised Pavement Markers made of polycarbonate and ABS(Acrylonitrile Butadiene Styrene) moulded body and reflective panels with micro prismatic lens capable of providing total internal reflection of the light entering the lens face and shall support a load of 16000 kg tested in accordance to Specifications of Category A of MORTH Circular No RW/NH/33023/10-97 – DO III Dt 11.06. 1997. The height, width and length shall not exceed 50 mm, 100 mm and 102 mm and with minimum reflective area of 13 Sqcm on each side and the slope to the base shall be 35 degree. The strength of detachment of the integrated cylindrical shanks, (of diameter not less than 19 mm and height not less than 30 mm) from the body is to be a minimum value of 500 Kg. Fixing will be by drilling holes on the road for the shanks to go inside,	Nos			116.00 114.00	339.00	39324.00 38646.00	116.00 114.00	39324.00 38646.00
				TOTAL			2540997.00		2540997.00
				12% GST charges			304919.64		304919.64
				Gran Total			2845916.64		2845916.64

Ramarajeerah
Assistant Engineer
Ward No :04

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ಯಲಹಂಕ ಉಪವಿಭಾಗ
Yelahanka Sub Division
BBMP, Bangalore-560064

Bill Amt - 2534815.
GST @ 12% 304177.71
Gross Amt. 2838992.7